

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
Box Patent Application  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Qian YANG, Charles GAROFALO, Yogesh GUPTA, Ronald CASS, Kirk WILSON and Igor SUDUKHIN for  
Inventors

USING NEURAL NETWORKS FOR DATA MINING

Title of Invention

## APPLICATION ELEMENTS ENCLOSED:

1. X Specification (total pages 28) including:
  - a. 6 pages of claims (25 claims)
  - b. 1 page Abstract
2. X 55 sheets of     informal X formal drawings (Figs. 1A-10F)
3.     Oath or declaration of Applicant(s) (     total pages)
  - a.     Newly executed (original or copy)
  - b.     Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 14 completed)
4.     Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. X Incorporation By Reference  
The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.     Microfiche Computer Program (Appendix)

## APPLICATION PARTS ENCLOSED:

7.     An assignment (cover sheet & document(s))
8.     37 CFR 3.73(b) Statement (*when there is an assignee*)
9.     Power of Attorney
  - a.     Newly executed (original or copy)
  - b.     Copy from a prior application



- The filing fee is calculated as follows:

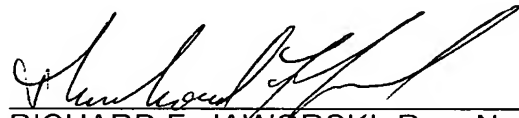
					Rate			Fee	
	Number Filed		Number Extra*		Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	25-20	=	5	x	\$ 9	\$ 18	=	\$	\$ 90
Indep. Claims	3-3	=	0	x	\$ 43	\$ 86	=	\$	\$ 0
Multiple Dependent Claims Presented:    Yes <u>      </u> No <u>X</u>					\$ 145	\$ 290	=	\$	\$ 0
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$ 385	\$ 770
					Total Fee				\$ 860

18. X A check in the amount of \$860.00 to cover the filing fee.
19.      Please charge Deposit Account No. 03-3125 in the amount of \$ 40.00 for recordation of the Assignment.
20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.
- X Filing fees under 37 C.F.R. § 1.16.
- X Patent application processing fees under 37 C.F.R. §1.17.
- The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b)..
21. X Three copies of this sheet are enclosed.
22. X Other (identify) Petition for Extension of Time and a check for \$2,010.00 for five month extension fee

CORRESPONDENCE ADDRESS:

RICHARD F. JAWORSKI  
Registration No. 33,515  
Cooper & Dunham LLP  
1185 Avenue of the Americas  
New York, New York 10036  
United States of Americas  
Tel.: (212) 278-0400  
Fax: (212) 391-0525

Respectfully submitted,



RICHARD F. JAWORSKI, Reg. No. 33,515  
Attorney for Applicants  
c/o Cooper & Dunham LLP  
1185 Avenue of the Americas  
New York, New York 10036  
Tel.: (212) 278-0400